UNIQUE IDENTIFICATION (UID)

UID Registry
Data Submission
May 2005

UID Registry

- Purpose:
  - Collect UID and pedigree information of tangible items owned by DoD
  - Distribute UID and pedigree information to DoD users
  - Provide single point of reference for DoD tangible items that have assigned Unique Item Identifier
- Operational Environment:
  - UID Registry – database located in Battlecreek, MI
  - Operated by Defense Logistics Information Service
  - Resides on Business Process Network backbone

UID Registry Status

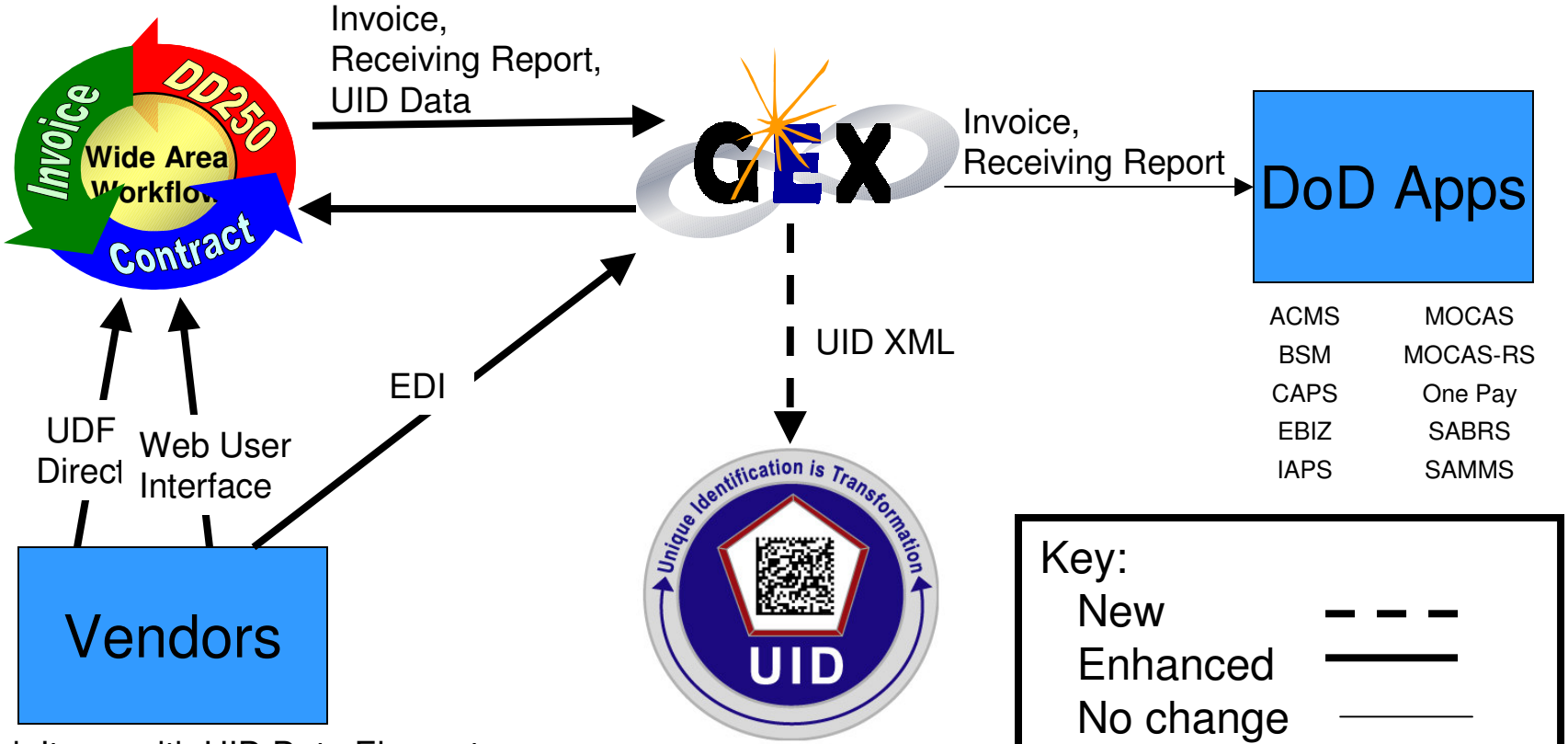
- Implementation Timeline:
  - Concept definition – Oct 03
  - Development and Test – Nov 03 – May 04
  - Initial Operational Capability - May 04
- Current Functionality:
  - UID and Pedigree data capture for new End Items
  - Source data from vendors
    - WAWF Shipment Notification
    - Direct electronic submission
    - Web-enabled manual submission
  - Current population
    - Over 6000 UIDd Items

UID "Pedigree" Data – Phase 1

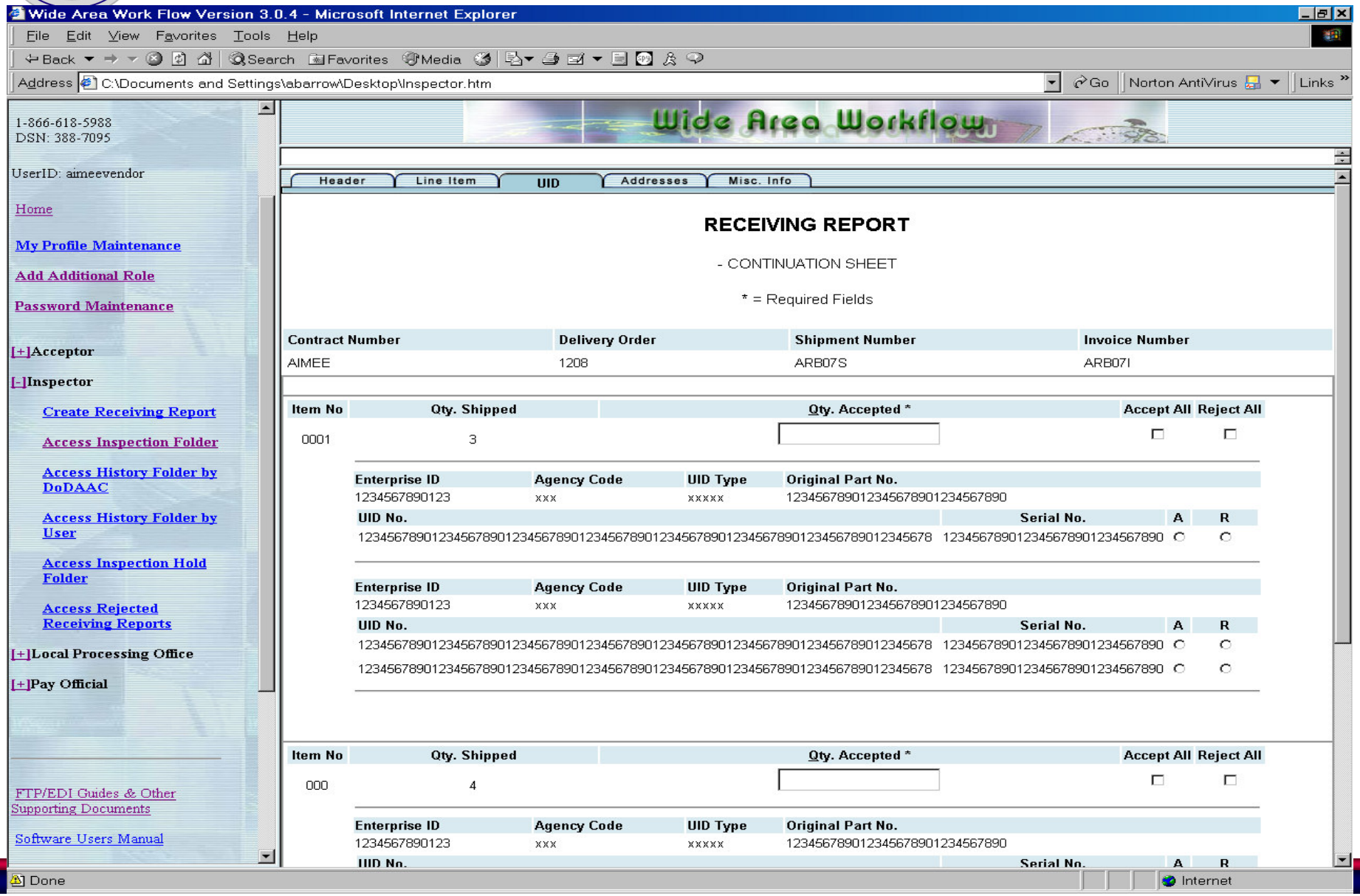
End Item Data (15)

- UID (Concatenated)
- Descriptive Data
  - UID Type
  - Issuing Agency Code
  - Enterprise Identifier
  - Part Number
  - Serial Number
  - Item Description
  - Unit of measure
- Acquisition Data
  - Contractor DUNS
  - Contract Number
  - CLIN/SLIN/ELIN
  - Price
  - Acceptance Location Code (identifies acceptor)
  - Acceptance Date
  - Ship to code

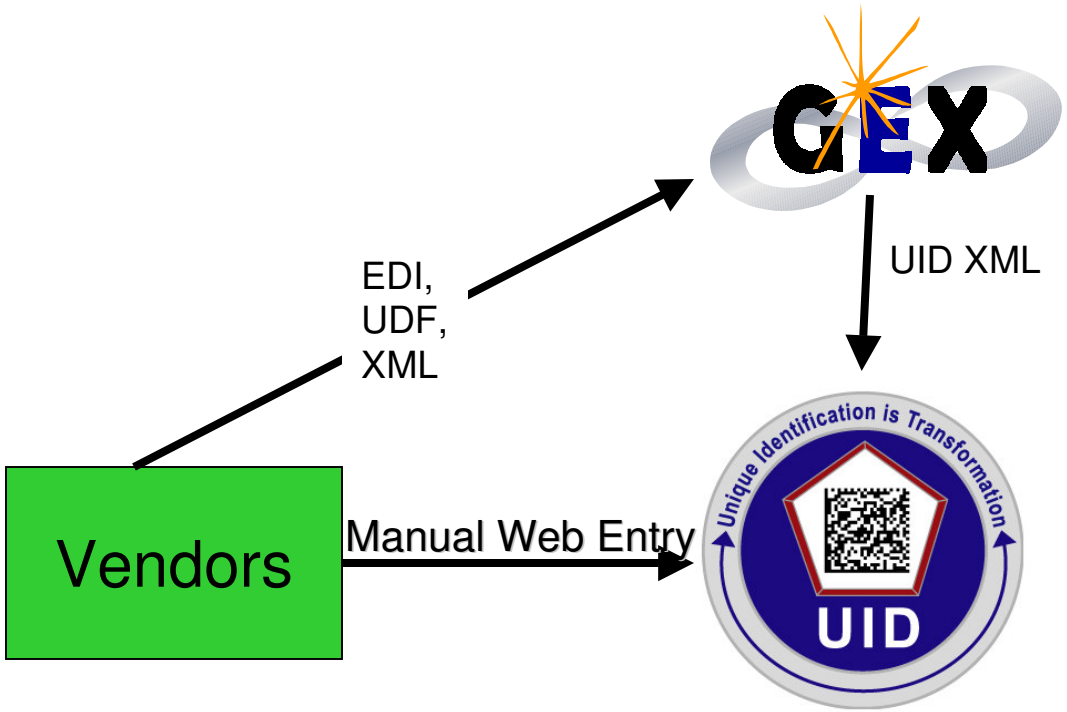
UID Data Capture via WAWF



WAWF - Acceptance By UID



UID Data Capture – Direct Electronic

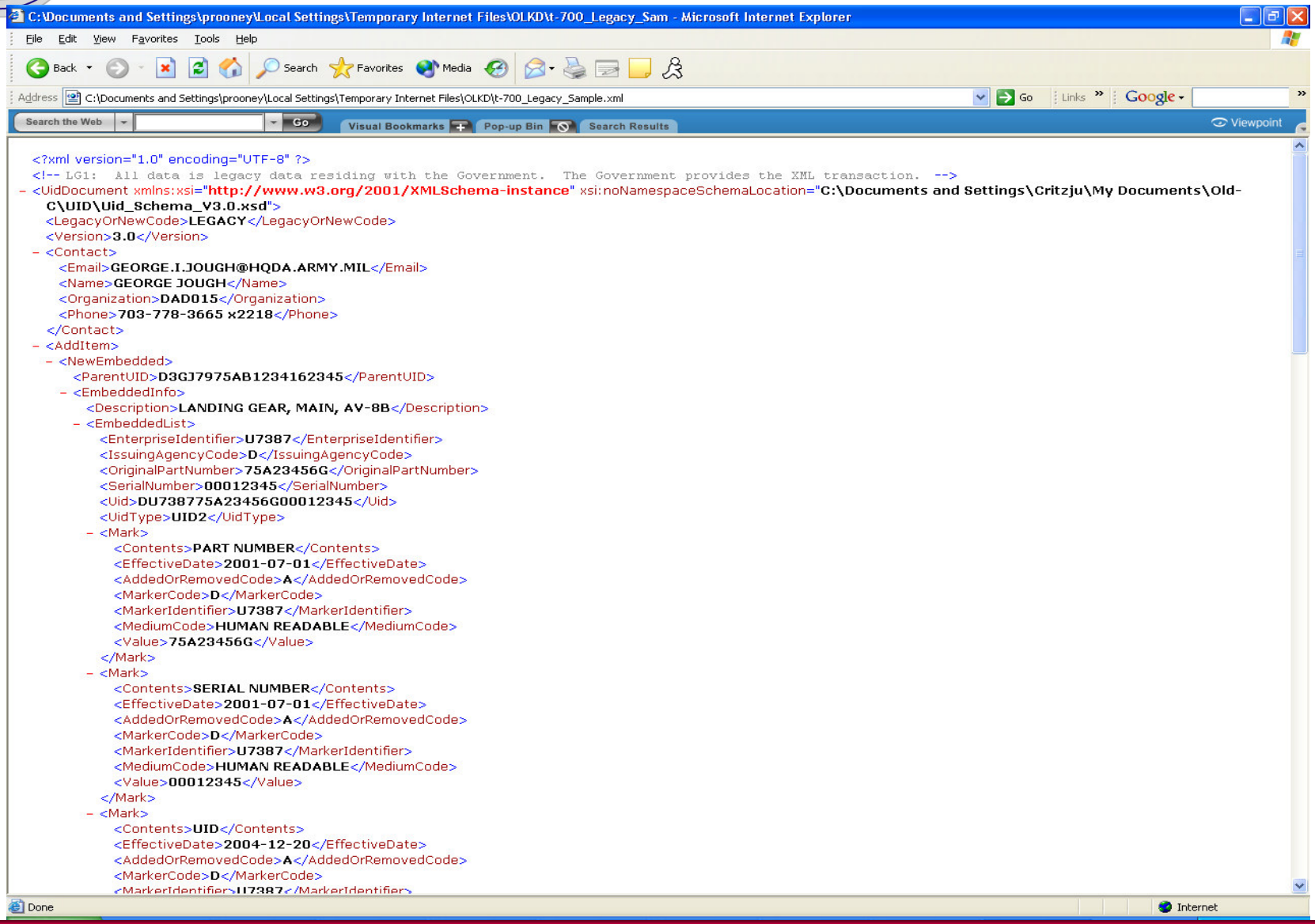


UID Registry

Mark Items with UID Data Elements
Shipment Notice

EDI – Electronic Data Interchange
UDF – User Defined Format

UID XML Sample



Sample X12 856

UID1_Sample_856.x12 - Notepad

File Edit Format View Help

```
ISA^00^          ^00^          ^ZZ^CCOTSLIDELL    ^ZZ^WAWF02         ^990806^1231^U^00200^100000003^0^T^*
GS^SH^JITCSIT^WAWF02^19990806^1615^100000003^T^004010F856_0
ST^856^1005
BSN^00^EAC0001^20010823^095554^^^AS
HL^1^^V^1
N1^SE^^33^7F311
PER^IC^MOCAS
N1^C4^^10^S4801A
N1^SF^^33^7F311
N1^PR^^10^HQ0339
N3^DFAS - COLUMBUS CENTER
N3^WEST ENTITLEMENT OPERATIONS
N4^COLUMBUS^OH^432182381
N1^ST^^10^W56HZV
N2^XU NICP ACCT PROP OFF
N3^USA TACOM
N4^WARREN^MI^483975000
N1^BY^^10^N00383
N1^L1^^10^S4801A
N1^Z7^^10^N00383
N2^NAVAL INVENTORY CONTROL POIN
N3^700 ROBBINS AVENUE
N4^PHILADELHIA^PA^191115098
HL^2^1^S^1
PRF^F3460100C0110
TD5^^^^S
REF^TG^2345
DTM^011^20010404
FOB^DF^OR
LM^DF
LQ^7^S
LQ^8^S
HL^3^2^I^1
LIN^1001^FS^5437012013456
SN1^^25^EA
SLN^1^^O^^^500
PID^F^^^^SHIPMENT W/9 CLINS S/S
CLD^1^25^^^EA
REF^SE^W8001290010986A
LM^DF
LQ^14^H
HL^4^3^D^0
SLN^1^^O^1^EA^5000.01^^^KF^UID1^MF^123456789^MG^PN#1000-01^X^Z^UN
REF^U3^SN#01^UN123456789SN01^BT:A0012003
REF^U3^SN#02^UN123456789SN02^BT:A0012003
REF^U3^SN#03^UN123456789SN03^BT:A0012003
REF^U3^SN#04^UN123456789SN04^BT:A0012003
REF^U3^SN#05^UN123456789SN05^BT:A0013003
REF^U3^SN#06^UN123456789SN06^BT:A0013003
HL^5^3^D^0
SLN^1^^O^1^EA^5000.01^^^KF^UID1^MF^123456789^MG^PN#1000-02^X^Z^UN
REF^U3^SN#07^UN123456789SN07^BT:B001200A
REF^U3^SN#08^UN123456789SN08^BT:B001200A
REF^U3^SN#09^UN123456789SN09^BT:B001200A
REF^U3^SN#10^UN123456789SN10^BT:B001200A
REF^U3^SN#11^UN123456789SN11^BT:B001300A
REF^U3^SN#12^UN123456789SN12^BT:B001300A
HL^6^2^I^1
LIN^4001^FS^5437012013456
SN1^^25^EA
SLN^1^^O^^^500
PID^F^^^^SHIPMENT W/9 CLINS S/S
CLD^1^25^^^EA
REF^SE^W8001290010986V
LM^DF
LQ^14^H
HL^7^6^D^0
SLN^1^^O^1^EA^25000^^^KF^VIN^MF^123456789^X^Z^D-U-N-S
REF^U3^^VIN12KDI9504O0003DKSL101
HL^8^2^I^0
LIN^6001^FS^5437012013456
```

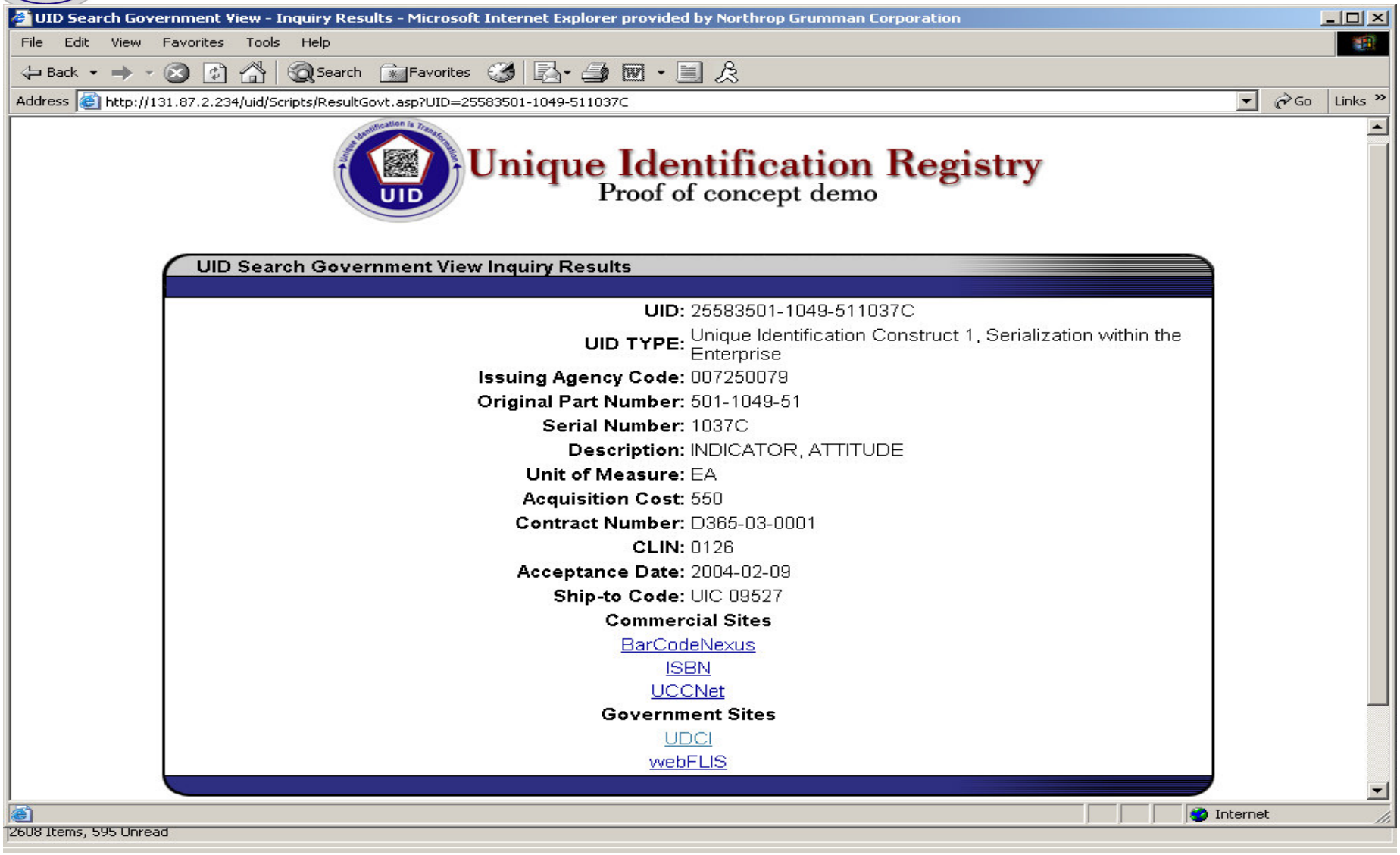
Sample Receiving Report UDF

RR_Base_7digit_DO_For_Curr - Notepad

File Edit Format View Help

```
START*2^
A*JUDYTEST^
B*RR^
1*N0001902C3004^1234567^20040415^^
1A*EUR^
2*CRC1047^20040415^^N^
3*SPL^
4*^^G^
5*^^^^^^
6*81977194^20040415^N^^
7*^^
8*S^S^
9*13499^^
9A*13499^ROCKWELL COLLINS^^400 COLLINS RD NE^^^^CEDAR RAPIDS^IA^52498^US^^^
10*S2401A^
10A*S2401A^DCMA-TWIN CITIES^B.H.WHIPPLE FEDERAL BLDG, STE 1150^ONE FEDERAL DR^^^^FORT SNELLING^MN^55111^US^^^
10B*S2401A^GTR015^
10C*^^^^^^^^^^^^^^
11*13499^^S^
11A*13499^Rockwell Collins^^400 Collins Rd. NE^^^^Cedar Rapids^IA^52498^US^^^
12*HQ0339^
12A*HQ0339^DFAS-COLUMBUS CENTER^WEST ENTITLEMENT OPERATIONS^182381^^^^COLUMBUS^OH^43218-2381^US^^^
13*Q99067^^
13A*Q99067^NORTHROP GRUMMAN CORPORATION^MATL OPER SVC CTR^425 NORTH DRIVE^^^^MELBOURNE^FL^32934^US^^^
13B*^^
13C*^^^^^^^^^^^^^^
14*^^^
14A*^^^^^^^^^^^^^^
14B*E-2C HE2K (CY03)^
14B*ATTN: GEORGE VAN AXEN^
14C*^
15*0211AG^1^N^
16*5975014373107^FS^
16A*MT-7006/ARC AMPLIFIER MOUNT^
16A*Serial No.: TUG00134 , TUG00135 , TUG00136^
16B*^^
16C*^^
16D*UID2^D^13499^622-9465-001^^^^^
16E*^
16F*D113499622-9465-00110PTXT^10PTXT^
16D*UID2^D^13499^622-9465-001^^^^^
16E*^
16F*D113499622-9465-00110PTXV^10PTXV^
16D*UID2^D^13499^622-9465-001^^^^^
16E*^
16F*D113499622-9465-00110PTXX^10PTXX^
17*3^H^
18*EA^
19*407.00000^
20*^
20A*^^^^^^^^^^^^^^
21*11^
21A*^^^^
22*^
23*J SCHECHTMAN **SIGNED IN WAWF***^
23*ED WOOD^
23*Sales Order : 0000960177^
25*N^
26*^
=END=
```

UID Registry Screen



Upcoming Capabilities

- Future enhancements 2Q CY 05
  - Ability to update Item data
    - Current Part Number
  - Capability to capture embedded items (e.g., subassembly)
  - Capability to identify Government Furnished Property
    - Contract, Contractor, type of property
  - Capability to identify Legacy Items
  - Capability to capture original Manufacturer and Marking entity
  - Capability to capture type of mark
    - Virtual
    - Other unique marks
- Initial roll out of new functionality via xml data structure

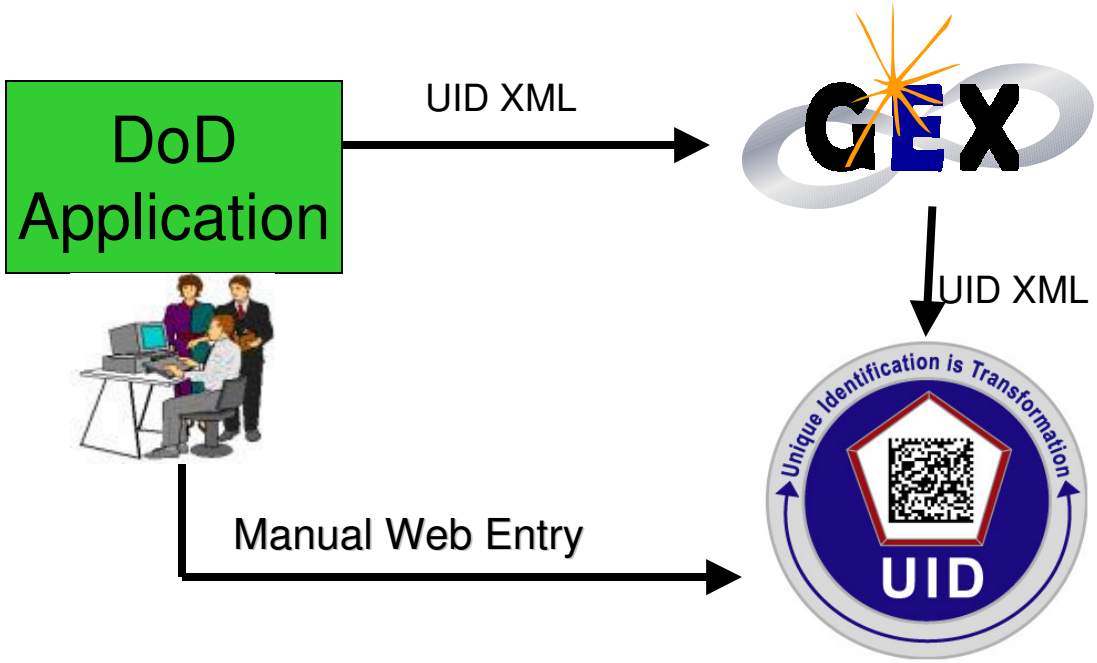
Enhanced UID Data

Concatenated UII
Issuing Agency Code
Enterprise Identifier
Original Part Number
Serial Number
UII Type
Description
Batch/Lot
Current Part Number
Current Part Number Effective Date
Manufacturer Identifier
Parent Concatenated UII
ContractInfo
Contract Number
Prime Contractor Identifier
Acceptance Code
Acceptance Date
Acquisition Cost
CLIN/SLIN/ELIN
Foreign Currency Code
Ship-to Code
Unit of Measure

Custody
CAGE
Contract Number
DoDAAC
DUNS
Received Date
Sent Date
Status Flag
Category Code (E or M)
Mark
Contents
Effective Date
AddedOrRemoved
Marker Code
Marker Identifier
Medium
Values in Mark Contents
Open Items
Custodian or Steward (System)
Location UID
Program UID
Item Status
Current Dollar Value of Item
Alias (system unique)

Legacy Data Submission

Mark Items with UID Data Elements
Or
Virtual UID Defined



Legacy data submission has relaxed business rules for contract info

UID Registry

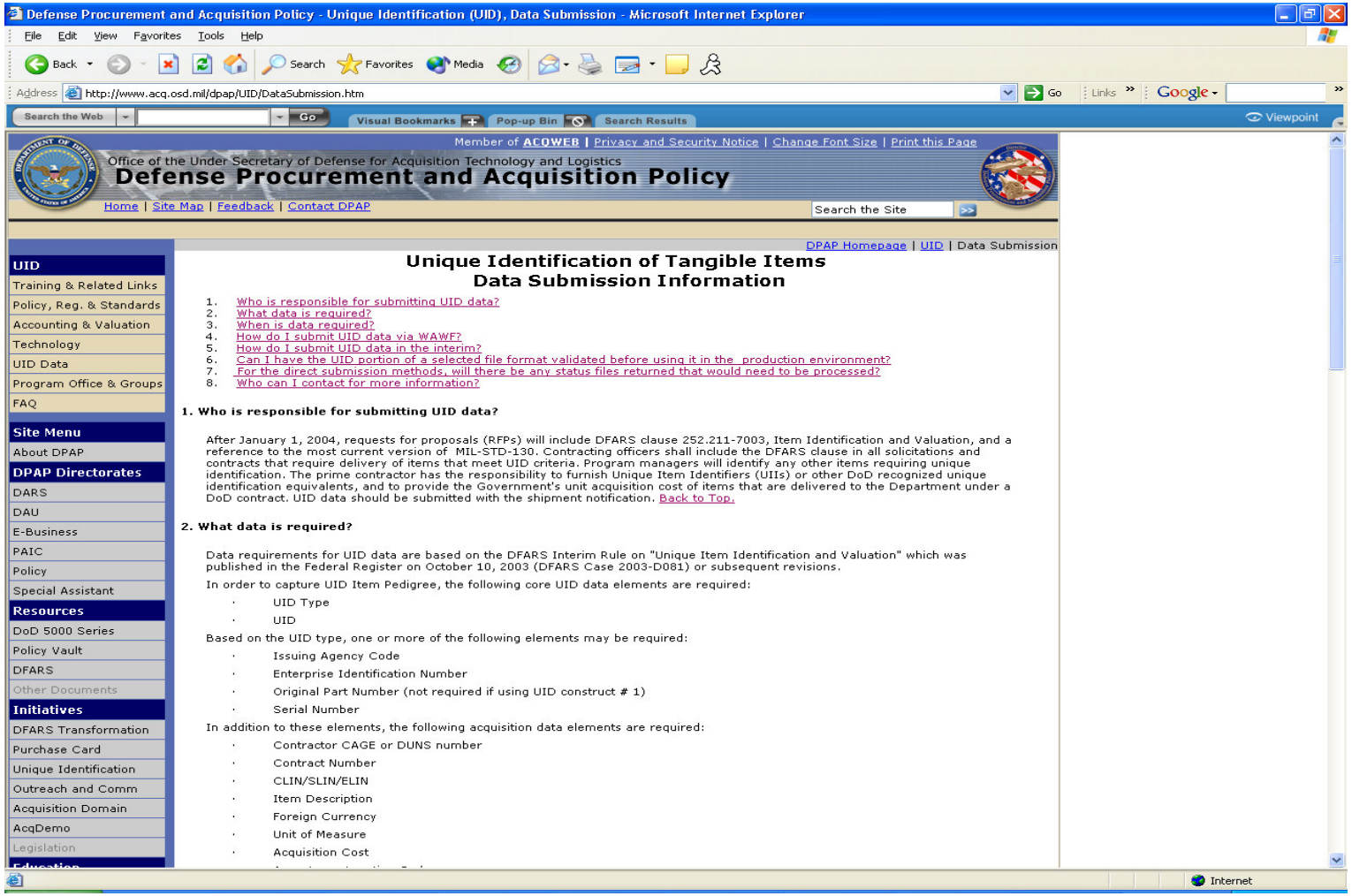
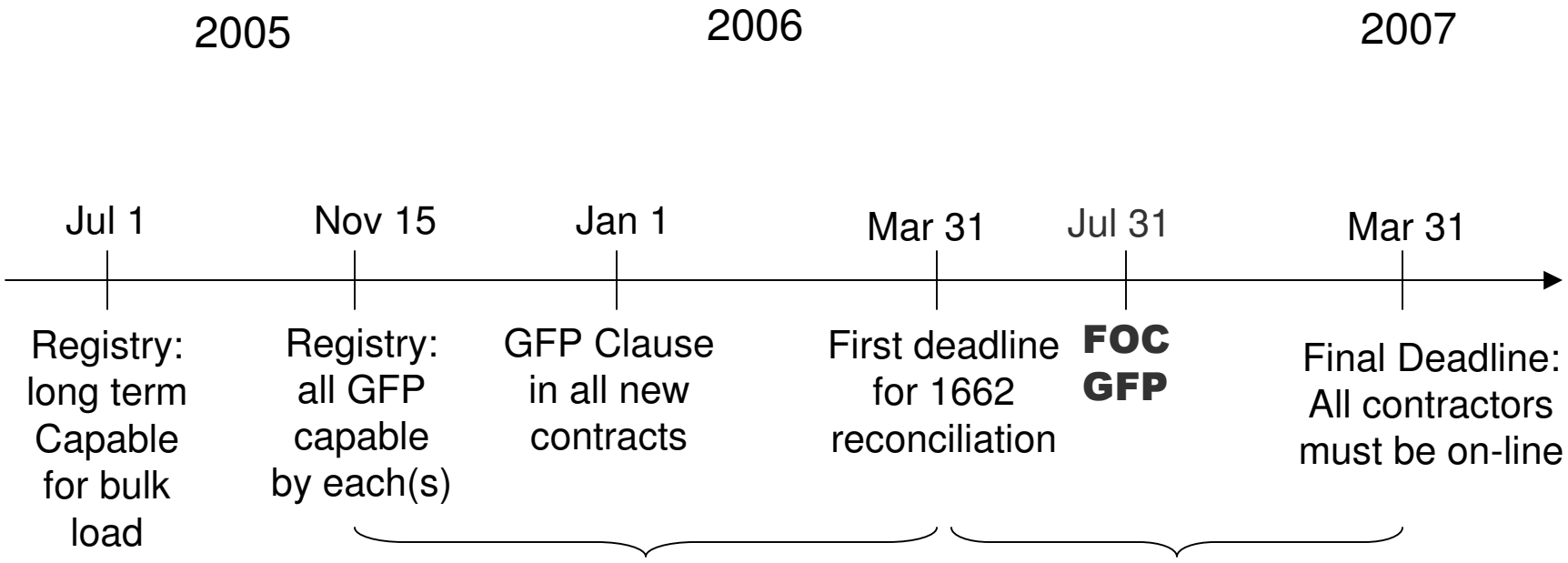
EDI – Electronic Data Interchange
UDF – User Defined Format

Future UID Capabilities

- Reports
- Automated Error Reconciliation
- Electronic query (system to system interaction)
- Alias association
- Item status indicator

More UID Data Submission Info

- UID Web Site Data Submission Paper
- Send questions or request for test support to info@uniqueid.org



UID Registry/1662 timeline (2005-2006)